

NOV 20 2003  
APPROPRIATION 23 MAR 2003

Docket No.: 12810-00236-US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Gerd Haderlein et al.

Application No.: TBA  
(Based on PCT/EP2004/012179)

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: METHOD FOR PRODUCING OF  
NICKEL(0)/PHOSPHORUS LIGAND  
COMPLEXES

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A copy of only those references listed below is attached:

For. Doc No.	Ctry	Patentee/Applicant	Publication Date
1,000,477	DE	Cities Service Research and Development Co.	August 4, 1965
621,207	BE	Cities Service Research and Development Co.	February 8, 1963
03/045555	WO	E.I. Du Pont De Nemours	June 5, 2003

199,53,058	DE	BASF AG	May 10, 2001
01/14392	WO	E.I. Du Pont De Nemours	March 1, 2001
98/27054	WO	BASF Aktiengesellschaft	June 25, 1998
99/13983	WO	BASF Aktiengesellschaft	March 25, 1999
99/64155	WO	BASF Aktiengesellschaft	December 16, 1999
100,38,037	DE	BASF AG	April 18, 2002
100,46,025	DE	BASF AG	March 28, 2002
101,50,285	DE	BASF AG	April 17, 2003
101,50,286	DE	BASF AG	April 17, 2003
103,50,999	DE	BASF AG	June 2, 2005
<b>Other Documents</b>			
Casalnuovo et al., "Ligand Electronic Effects in Asymmetric Catalysis: Enhanced Enantioselectivity in the Asymmetric Hydrocyanation of Vinylarenes", J. Am. Chem. Soc., Vol. 116, 1994, pgs. 9869-9882			
Le Floch et al., "Use of 2,2'-Biphosphinines for the Stabilization of Reduced Transition Metal Species: Electrochemical Reduction of Bis(2,2'-biphosphinine)nickel(0)", Inorg. Chem., Vol. 34, 1995, pgs. 11-12			
Mezailles et al., "Synthesis and X-ray crystal structures of dimeric nickel(0) and tetrameric copper(I) iodide complexes of 2-diphenylphosphino-3-methylphosphinine", J. Orgn. Chem., Vol. 541, 1997, pgs. 277-283			
International Search Report No. PCT/EP2004/012179, dated January 24, 2005, 3 pgs.			
Ullmann's Encyclopedia of Industrial Chemistry, Unit Operation I, Vol. B2, VCH, Weinheim, 1988, Chap. 10, pages 10-1 to 10-59, Chap. 11, pages 11-1 to 11-27 and Chap. 12, pages 12-1 to 12-61			

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Application No.: TBA (Based on PCT/EP2004/012179)

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28 APR 2006

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 12810-00236-US1. A duplicate copy of this paper is enclosed.

Dated:

4-28-06

Respectfully submitted,

By

Joseph Barrera

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28 APR 2006

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	TBA (Based on PCT/EP2004/012179)
				Filing Date	Concurrently Herewith
				First Named Inventor	Gerd Haderlein et al.
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	12810-00236-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-2003/0010042	01/2003	Weng et al.	
	AB*	US-3,631,191	12/1971	Kane et al.	
	AC*	US-3,846,461	11/1974	Shook, Jr.	
	AD*	US-3,859,327	01/1975	Wells	
	AE*	US-3,903,120	09/1975	Shook, Jr. et al.	
	AF*	US-4,385,007	05/1983	Shook, Jr.	
	AG*	US-5,512,695	04/1996	Kreutzer et al.	
	AH*	US-5,512,696	04/1996	Kreutzer et al.	
	AI*	US-5,523,453	06/1996	Breikss	
	AJ*	US-5,723,641	03/1998	Tam et al.	
	AK*	US-5,821,378	10/1998	Foo et al.	
	AL*	US-5,847,191	12/1998	Bunel et al.	
	AM*	US-5,959,135	09/1999	Garner et al.	
	AN*	US-5,981,772	11/1999	Foo et al.	
	AO*	US-6,020,516	02/2000	Foo et al.	
	AP*	US-6,127,567	10/2000	Garner et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code³-Number⁴-Kind Code⁵ (if known)				
	BA	DE-1,000,477	08-04-1965	Cities Service Research and Development Co.		
	BB	BE-621,207	02-08-1963	Cities Service Research and Development Co.		
	BC	WO-03/045555	06-05-2003	E.I. Du Pont De Nemours and Co.		
	BD	DE-199,53,058	05-10-2001	BASF AG		
	BE	WO-01/14392	03-01-2001	E.I. Du Pont De Nemours and Co.		
	BF	WO-98/27054	06-25-1998	BASF Aktiengesellschaft		
	BG	WO-99/13983	03-25-1999	BASF Aktiengesellschaft		
	BH	WO-99/64155	12-16-1999	BASF Aktiengesellschaft		
	BI	DE-100,38,037	04-18-2002	BASF AG		
	BJ	DE-100,46,025	03-28-2002	BASF AG		
	BK	DE-101,50,285	04-17-2003	BASF AG		
	BL	DE-101,50,286	04-17-2003	BASF AG		
	BM	DE-103,50,999	06-02-2005	BASF AG		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner	Cite	Include name of the author ( in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book,	
Examiner Signature		Date Considered	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

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				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	12810-00236-US1
Sheet	2	of	2		

Initials	No. <sup>1</sup>	magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Casalnuovo et al., "Ligand Electronic Effects in Asymmetric Catalysis: Enhanced Enantioselectivity in the Asymmetric Hydrocyanation of Vinylarenes", J. Am. Chem. Soc., Vol. 116, 1994, pgs. 9869-9882	
	CB	Le Floch et al., "Use of 2,2'-Biphosphinines for the Stabilization of Reduced Transition Metal Species: Electrochemical Reduction of Bis(2,2'-biphosphinine)nickel(0)", Inorg. Chem., Vol. 34, 1995, pgs. 11-12	
	CC	Mezailles et al., "Synthesis and X-ray crystal structures of dimeric nickel(0) and tetrameric copper(I) iodide complexes of 2-diphenylphosphino-3-methylphosphinine", J. Orgn. Chem., Vol. 541, 1997, pgs. 277-283	
	CD	International Search Report No. PCT/EP2004/012179, dated January 24, 2005, 3 pgs.	
	CE	Ullmann's Encyclopedia of Industrial Chemistry, Unit Operation I, Vol. B2, VCH, Weinheim, 1988, Chap. 10, pages 10-1 to 10-59, Chap. 11, pages 11-1 to 11-27 and Chap. 12, pages 12-1 to 12-61	

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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